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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/826,255

04/19/2004

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Q80995

9402

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EXAMINER

ALI, OMAR R

ART UNIT

PAPER NUMBER

2109

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
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3 MONTHS

04/19/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/826,255

Applicant(s)

UCHIGAKI ET AL.

Examiner

Omar Abdul-Ali

Art Unit

2109

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 April 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 April 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 4/04, 9/05.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

The following action is in response to the original filing of April 19, 2004. Claims 1-5 are pending and have been considered below.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tuli (US 6,941,382) in view of Jeoung (US 6,799,061).

Claim 1: Tuli discloses a browser apparatus, comprising:

- a. information acquisition means for acquiring homepage data (column 2, lines 18-37);
- b. display means for displaying information (column 2, lines 18-37);
- c. command means for inputting a command (column 3, lines 11-33);

Tuli does not explicitly disclose a shift direction input means for inputting a shift direction. However, Jeoung discloses a similar method for a browser apparatus that further discloses a key input device that includes a plurality of navigation keys used as hot keys that enable the user to initiate desired functions (column 2, lines 60-65).

Therefore it would have been obvious to one having ordinary skill in the art at the time

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the invention was made to include shift directions. One would have motivated to include a shift direction input means in order to provide hot keys that enable quick access to desired functions.

Tuli discloses a control means for displaying the homepage data acquired by the information acquisition means on said display means (column 2, lines 18-37), but does not explicitly disclose that the data is presented in response to a shift command indicating a shift direction input by said shift direction input means and to an operation command indicating an operation input by said command input means. However, Jeoung discloses a similar method for a browser apparatus that further discloses a key input device that includes a plurality of navigation keys used as hot keys that enable the user to initiate desired functions (column 2, lines 60-65). Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made to include control of shift directions that enable the apparatus to display data. One would have motivated to control the display of the homepage data using shift direction input to enable quick access to desired functions.

Tuli discloses the control means has a plurality of operation modes (column 3, lines 11-49) but does not explicitly disclose assigning different functions to said shift direction input means and said command input means in each of the plurality of operation modes as functions of manipulating the homepage displayed on said display means. However, Jeoung discloses a similar method for a browser apparatus that further discloses a key input device that includes a plurality of navigation keys used as hot keys that enable the user to initiate desired functions (column 2, lines 60-65).

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Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to assign different functions to said shift direction input means. One would have been motivated to assign different functions to said shift direction input means as functions of manipulating the homepage in order to enable quick access to the desired functions.

Claim 2: Tuli and Jeoung disclose a browser apparatus as in Claim 1 above, and Jeoung further discloses a key input device that includes a plurality of navigation keys used as hot keys that enable the user to initiate multiple desired functions (column 2, lines 60-65/column 3, lines 43-58). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to switch operation modes in response to a shift command from said shift direction input means. One would have been motivated to switch operation modes in response to a shift command in order to enable quick access to the desired functions.

Claim 3: Tuli and Jeoung disclose a browser apparatus as in Claim 2 above, and Jeoung further discloses displaying all of the menu items linked to a hot key so that a user may select one of them after pressing the down key (column 3, lines 43-58). Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made to disclose a menu mode of selecting a menu item in response to the shift command from said shift direction input means. One would have been

motivated to include a menu mode of selecting a menu item in order to enable the user to easily select functions linked to hot keys.

Tuli discloses the ability to move a mouse cursor displayed on said display means (column 3, lines 11-33), but does not explicitly disclose the surf mode is enabled in response to the shift command from said shift direction input means. However, Jeoung discloses a similar method for a browser apparatus that further discloses a key input device that includes a plurality of navigation keys used as hot keys that enable the user to initiate multiple desired functions (column 2, lines 60-65/column 3, lines 43-58). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to switch operation modes in response to a shift command from said shift direction input means. One would have been motivated to switch operation modes to a surf mode in response to a shift command in order to enable quick access to the desired function.

Tuli discloses the ability to scroll the homepage displayed on said display means (column 4, lines 53-67), but does not explicitly disclose the scroll mode is enabled in response to the shift command from said shift direction input means. However, Jeoung discloses a similar method for a browser apparatus that further discloses a key input device that includes a plurality of navigation keys used as hot keys that enable the user to initiate multiple desired functions (column 2, lines 60-65/column 3, lines 43-58). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to switch operation modes in response to a shift command from said shift direction input means. One would have been motivated to

switch operation modes to a scroll mode in response to a shift command in order to enable quick access to the desired function.

Claim 4: Tuli and Jeoung disclose a browser apparatus as in Claim 2 above, and Jeoung further discloses a key input device that includes a plurality of navigation keys (up, down, left, and right) to initiate desired functions (column 2, lines 60-65).

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to include a cross key to output the shift commands. One would have been motivated to include a cross key for outputting the shift commands in order to enable the user to immediately access a desired function.

Claim 5: Tuli and Jeoung disclose a browser apparatus as in Claim 2 above, and Tuli further discloses said command input means comprises an enter key for starting processing, and a back key for making transition of the operation mode (column 3, lines 40-42, column 5, lines 14-19).

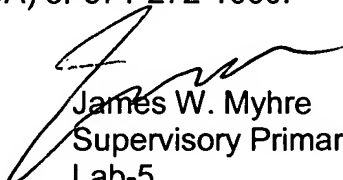
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Omar Abdul-Ali whose telephone number is 571-270-1694. The examiner can normally be reached on Mon-Fri(Alternate Fridays Off) 7:30 - 5:00 EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Myhre can be reached on 571-270-1065. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

OAA
4/3/07



James W. Myhre
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